**IN THE CLAIMS:**

Claims 1 - 14 (Previously canceled).

Cancel claims 15 - 51.

Claims 52 - 58 (Previously canceled).

59. (New): A process for the non-fermentative production of 2-keto-D-gluconate (KDG) comprising,

a) obtaining cells from an *Enterobacteriaceae* strain, said cells comprising (i) a mutation in a nucleic acid encoding an endogenous KDG dehydrogenase, wherein said mutation results in the inactivation of the endogenous KDG dehydrogenase and (ii) a mutation in an endogenous membrane bound glucose dehydrogenase (GHD);

b) providing a bioreactor with said cells, glucose and GDH from a source other than the endogenous membrane bound GDH; and

c) allowing enzymatic oxidation of the glucose by the GDH from step b) to yield gluconate and enzymatic oxidation of the gluconate to yield KDG.

60. (New): The process of claim 59, wherein the *Enterobacteriaceae* cells are selected from the group consisting of the genera of *Pantoea, Erwinia, Enterobacter* and *Gluconobacter.*

61. (New): The process of claim 60, wherein the *Enterobacteriaceae* cells are *Pantoea* cells.

62. (New): The process of claim 61, wherein the *Panotea* cells are *P. citrea* cells.

63. (New): The process of claim 59, wherein the *Enterobacteriaceae* cells are recombinant cells.

64. (New): The process of claim 59, wherein the *Enterobacteriaceae* cells are non-viable.

65. (New): The process of claim 59, wherein the *Enterobacteriaceae* cells are viable.

66. (New): The process of claim 59 further comprising recovering the KDG from the bioreactor.

67. (New): The process of claim 66 further comprising converting the KDG to erythorbate.

68. (New): The process of claim 59, wherein the GDH from a source other than the endogenous membrane bound GDH is provided in solution.

69. (New): The process of claim 59, wherein the *Enterobacteriaceae* cells are transformed with a heterologous nucleic acid encoding a GDH.

70. (New): The process of claim 59, wherein the GDH from a source other than the endogenous membrane bound GDH is obtained from a *Thermophlasma acidophilum*, a *Cryptococcus uniguttalatus* or a *Bacillus* species.

71. (New): The process of claim 59, wherein said process is a batch process.

72. (New): The process of claim 59, wherein said process is a continuous process.

73. (New): A process for the non-fermentative production of 2-keto-D-gluconate (KDG) comprising,

a) obtaining cells from an *Enterobacteriaceae* strain, wherein said cells are selected from the group consisting of the genera of *Pantoea, Erwinia, Enterobacter* and *Gluconobacter* and said cells comprising a mutation in a nucleic acid encoding an endogenous KDG dehydrogenase said mutation resulting in the inactivation of the endogenous KDG dehydrogenase,

b) providing a bioreactor with (i) said cells, (ii) glucose, and (iii) glucose dehydrogenase (GDH), and

c) allowing enzymatic oxidation of the glucose by the GDH to yield gluconate and enzymatic oxidation of the gluconate to yield KDG.

74. (New): The process of claim 73, wherein the cells are *Pantoea* cells.

75. (New): The process of claim 74, wherein the *Pantoea* cells are *P. citrea* cells.

76. (New): The process of claim 73, wherein the cells are recombinant cells.

77. (New): The process of claim 73, wherein the cells are non-viable.

78. (New): The process of claim 73, wherein the cells are viable.

79. (New): The process of claim 73 further comprising recovering the KDG from the bioreactor.

80. (New): The process of claim 73, further comprising converting the KDG to erythorbate.

82. (New): The process of claim 73, wherein said process is a batch process.

83. (New): The process of claim 73, wherein said process is a continuous process.